

## Welcome Message of the General Chairman

Dear SAR community/EUSAR partners and friends,

A warm welcome to all EUSAR members and followers!

I'm happy to confirm that the postponed **EUSAR Conference** will take place from **March 29 – April 1, 2021 as a virtual digital conference**. In these times of crisis, in particular, the EUSAR board members would like to continue to offer our community a platform for intensive scientific and professional exchange. We feel responsible to give especially all authors the possibility for publishing and presenting their submitted outstanding papers and posters, what means one of the conference values. Besides this, the discussions of the attending industry, research and public sector leaders inventing and providing ideas and suggestions for tomorrow's innovative technology developments to protect our global world.

Please note already in your calendars, that the next EUSAR Conference 2022, hosted from Hensoldt AG, will take place in April 2022 in Leipzig.

At this point I would like to thank everybody for your long lasting loyalty in attending the EUSAR conferences since more than two decades.

Best regards, take care and stay healthy,

***Michael Loercher, HENSOLDT***  
Conference Chairman

## Welcome Message of the Technical Chairman

It's a great pleasure to welcome you to the **13<sup>th</sup> European Conference on Synthetic Aperture Radar (EUSAR) 2021** which will be the first virtual digital edition in this series.

As in the previous years, this EUSAR enjoys a superior response from academia, industry and scientific institutions from all over the world. To our greatest pleasure, all important fields of SAR have been covered, including the latest results from SAR systems and missions, news from the cutting-edge in technology and signal processing, and advanced data evaluation, modelling and feature extraction, as well as unconventional applications, and not to forget interesting ideas for new upcoming projects.

Now its more than one year ago that the technical program committee of more than 120 international well-known SAR experts have reviewed carefully all submitted papers. From them we planned a program consisting of 5 parallel sessions and an interactive wet-poster session. A part of what EUSAR is known for. However, due to the outbreak of the pandemic we had to postpone the conference. After it became clear that no regular conference could take place for a long time, we decided to organise EUSAR as an only virtual conference. This way we want to give all authors and EUSAR friends the opportunity to present their results to the SAR community.

On Monday, prior to the opening of EUSAR 2021, a set of tutorials is given where the interested attendees can get a deep dive into selected technical or application aspects of SAR technology.

The higher level perspectives and future trends in Synthetic Aperture technology will be given by Keynote Speakers during the opening plenary session on Tuesday. Special attention should be given to the short oral presentations of the 5 parallel 'poster session' on this evening. My extended thanks to everyone taking the effort to actively and substantially contribute to this conference, thus making it rich and valuable!

At the closing session on the last day of the conference a Best Paper Award, a Best Poster Award, and three Best Students Awards will be presented. The independent award committee is under the lead of Prof. Lombardo from Sapienza University of Rome.

All papers received prior the deadline and presented at the EUSAR conference will profit from the visibility of their contributions in ISI and SCOPUS databases, whereas the publications will be made accessible in the conference proceedings and in IEEEExplore.

I would like to express my thanks to all authors for their outstanding submissions and their patience during these days. Also I want to thank the members of the Program Committee for their competent evaluation of the high number of submissions assuring the technical quality of the conference. Likewise, I want to extend my gratitude to the organizers of the Invited Session for their careful preparation of their sessions and the Session Chairs for leading the sessions. Last but not least I would like to thank all participants for providing the whole content of this year's online edition of EUSAR 2021. I wish you many interesting and enthusiastically presentations and let the conference be once again a successful forum for creation of new ideas and networks.

***Matthias Weiß***

EUSAR 2021 Technical Chairman & EUSAR Executive